



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H129619-BA

**Mode:** Highway

**Status:** Submitted

### I-295 (Fayetteville Outer Loop)

**From/Cross Street:** South of SR 1003 (Camden Road) **Specific Improvement Type:** 5 - Construct Roadway on New Location

**To:** South of SR 1104 (Strickland Bridge Road)

**Project Category:** Statewide Mobility

**Length:** 12.04

**TIP#:** U-2519BA

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$57,400,000

#### Description:

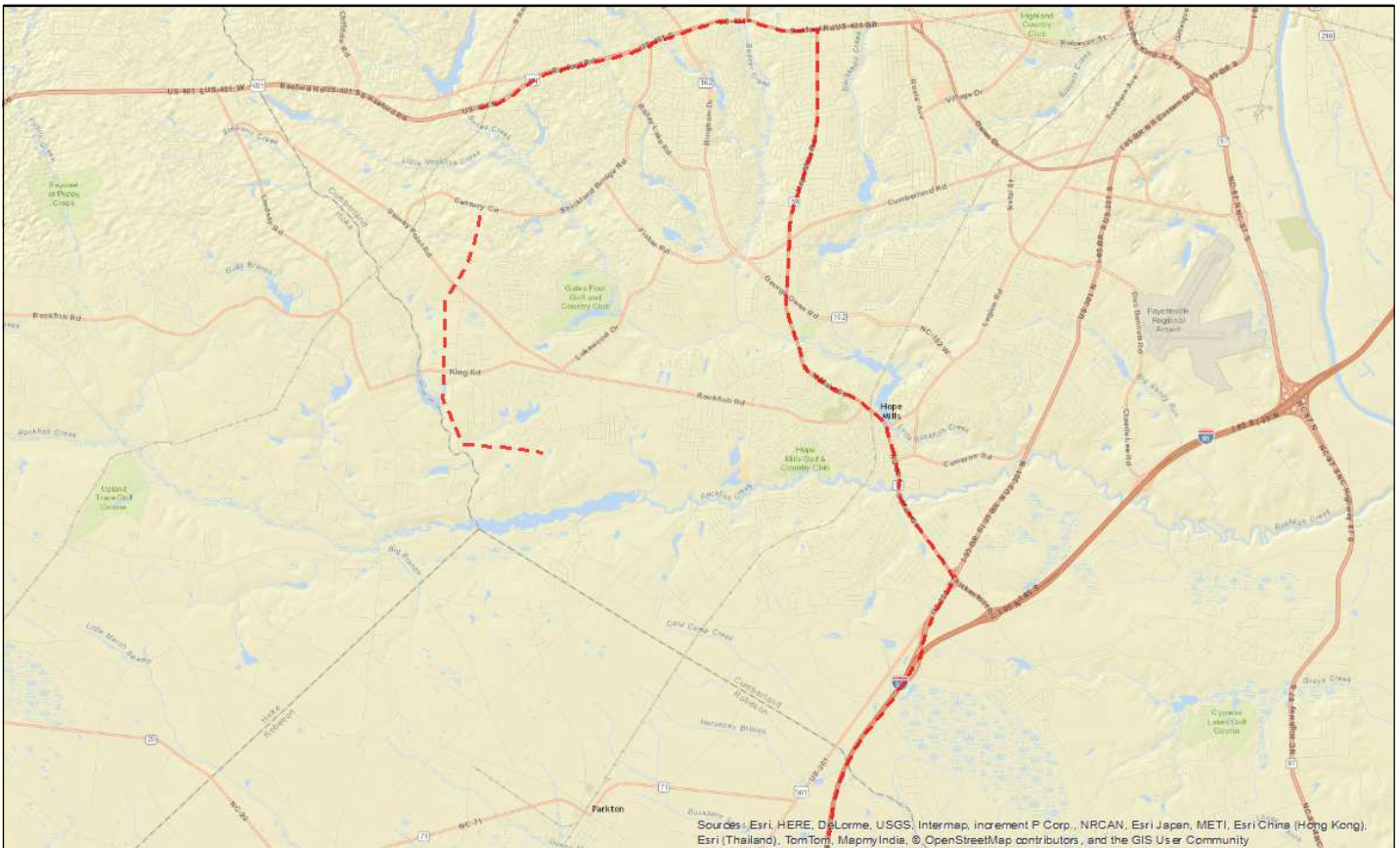
Construct Freeway on New Location.

**Division(s):** Division 6

**County(s):** CUMBERLAND

**MPOS(s)/RPO(s):** Fayetteville Area MPO

#### Project Location



**Statewide Mobility Total Score: 39.39**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (30%) 54.98 Safety (10%) 77.61 Economic Competitiveness (10%) 100.00 Multimodal + [Freight & Military] (20%) 9.44 [Travel Time] Benefit/Cost (30%) 10.81 <b>Totals: Weight: 100% Weighted Score: 39.39</b>	N/A	N/A

**Regional Impact Total Score: 62.73**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (25%) 54.98 Safety (10%) 77.61 [Travel Time] Benefit/Cost (25%) 10.81 Accessibility / Connectivity (10%) 85.24 <b>Totals: Weight: 70% Weighted Score: 32.73</b>	Percent: 15% Points: 100	Percent: 15% Points: 100

**Division Needs Total Score: 20.92**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%) 54.98 Safety (10%) 77.61 [Travel Time] Benefit/Cost (20%) 10.81 <b>Totals: Weight: 50% Weighted Score: 20.92</b>	Percent: 25% Points: 0	Percent: 25% Points: 0

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	47
Length (miles):	15.8
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	28215.44
Capacity:	38747.45
Volume/Capacity Ratio:	0.73
% Autos:	93%
% Trucks:	7%
Truck Volume:	1887.9
Crash Density:	80.75
Crash Severity:	73.03
Critical Crash Rate:	79.07
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	80
Actual Congested Speed:	38.07
Travel Time Index:	1.19

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	12.04
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	108882066.5
Travel Time Savings for 30 Years (Autos):	101596737.83
Travel Time Savings for 30 Years (Trucks):	7285328.67
Long-Term Employment:	1987
% Change in Economy:	0.00251356
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 6	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Fayetteville Area MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$38,800,000	TIP Unit
Right-of-Way Cost:	\$18,600,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$57,400,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$57,400,000</b>	